

MAS223, Feedback on Assignment 2

Q20: transformations of univariate random variables

- In general this question was very well done.
- It's important to mention that $\theta \mapsto \tan \theta$ is strictly monotone, for $\theta \in (-\frac{\pi}{2}, \frac{\pi}{2})$, and that this is why you can apply the formula from lectures.

Q21: bivariate random variables

- Drawing a diagram is very helpful in part (a) - those who didn't draw one often ended up getting confused.
- Some people forgot the final part of the question - to check if their answers were really pdfs.